

### Partial List of Ecological Publications

- Busnardo, M.J., R.M. Gersberg, R. Langis, T.L. Sinicrope, and J.B. Zedler. 1992. Nitrogen and phosphorus removal by wetland mesocosms subjected to different hydroperiods. *Ecological Engineering* 1: 287-307.
- Callaway, J.C., J.B. Zedler, and D.L. Ross. 1997. Using tidal salt marsh mesocosms to aid wetland restoration. *Restoration Ecology* 5:135-146.
- Callaway, J. C., and Joy B. Zedler. In press. Interactions between a salt marsh native perennial (*Salicornia virginica*) and an exotic annual (*Polypogon monspeliensis*) under varied salinity and hydroperiod. *Wetlands Ecology and Management*.
- Covin, J.D., and J.B. Zedler. 1988. Nitrogen effects on *Spartina follosa* and *Salicornia virginica* in the salt marsh at Tijuana Estuary, California. *Wetlands* 8:51-65.
- Cox, G.W., and J.B. Zedler. 1986. The influence of mima mounds on vegetation patterns in the Tijuana Estuary salt marsh, San Diego County, California. *Bull South. Calif. Acad. Sci.* 85(3): 158-172.
- Fink, B.H., and J.B. Zedler. 1989. Endangered plant recovery: Experimental approaches with *Cordylanthus maritimus* ssp. *maritimus*. Pp. 460-468 in H.G. Hughes and T.M. Bonnicksen, eds. Proceedings, First Annual Meeting of the Society of Civil Engineers, New York.
- Fink, B. H., and J.B. Zedler. 1990. Stress tolerance studies of dune perennials. *Madrono* 37:200-213.
- Fink, B. 1989. Effects of dune overwash during the January 18, 1988 storm at the Tijuana Estuary, San Diego, California. *Shore and beach* 57:41-43.
- Fong, P., R.M. Donohoe, and J.B. Zedler. 1993. Nutrient concentration in tissue of the macroalga *Enteromorpha* as a function of nutrient history: an experimental evaluation using field microcosms. *Mar. Ecol. Prog. Ser.* 106:273-281.
- Fong, P., T.C. Foin, and J.B. Zedler. 1994. A simulation model of lagoon algae based on nitrogen competition and internal storage. *Ecological Monographs* 64: 225-247.

- Fong, P. and J.B. Zedler. 1993 Temperature and light effects on the seasonal succession of algal communities in shallow coastal lagoons. *J. Exp. Mar. Biol. & Ecol.* 171: 259-272.
- Fong, P., J.B. Zedler, and R.M. Donohoe. 1993. Nitrogen vs. phosphorus limitation of algal biomass in shallow coastal lagoons. *Limnol. Oceanogr.* 38:906-923.
- Franzreb, K. 1989. Ecology and conservation of the endangered least Bell's vireo. U.S. Fish Wildl. Serv., Biol. Rep. 89(1). 17 pp.
- Gersberg, R.M., D. Dodge, L. Parsons, and J.B. Zedler. 1994. Microbial water quality of the Tijuana Estuary. *Border Health* July/August/September 1994:16-27.
- Kus, B.E. and P.M. Ashfield. 1989. Bird use of the Tijuana River Estuary. Unpublished report, San Diego State University.
- Kus, B.E. 1990a. Status of the Belding's Savannah sparrow (*Ammodramus sandwichensis beldingi*) at the Tijuana Estuary, 1990. Prepared for the Department of the Army, Corps of Engineers, Los Angeles District. 4 pp.
- Kus, B.E. 1990b. Status of the least Bell's vireo at the Tijuana River, San Diego County, 1990. Prepared for the Department of the Army, Corps of Engineers, Los Angeles District. 7 pp.
- Kus, B.E. 1991. Habitat use and breeding status of the least Bell's vireo at the Tijuana River, California, 1991. Prepared for the International Boundary and Water Commission. 11 pp.
- Kwak, T.J., and J.B. Zedler. 1997. Food web analysis of southern California coastal wetlands using multiple stable isotopes. *Oecologia* 110: 262-277.
- Kuhn, N., and J.B. Zedler. 1997. Differential effects of salinity and soil saturation on native and exotic plants of a coastal salt marsh. *Estuaries* 20:391-403.
- Nordby, C.S., and J.B. Zedler. 1991. Responses of fishes and benthos to hydrologic disturbances in Tijuana Estuary and Los Penasquitos Lagoon, California. *Estuaries* 14:80-93.
- Parsons, L., and J.B. Zedler. 1997. Factors affecting re-establishment of an endangered annual plant at a California salt marsh. *Ecological Applications* 7:253-267.

- Sinicrope, T.L., R. Langis, R.M. Gersberg, M.J. Busnardo, and J.B. Zedler. 1992. Metal removal by wetland mesocosms subjected to different hydroperiods. *Ecological Engineering* 1:309-322.
- Sullivan, G., and J. B. Zedler. In press. Functional redundancy among tidal marsh halophytes: a test. *Oikos*.
- Zedler, J.B. and P.A. Beare. 1986. Temporal variability of salt marsh vegetation: the role of low-salinity gaps and environmental stress. Pp. 295-306 in D. Wolfe, ed. *Estuarine variability*. Academic Press, New York.
- Zedler, J.B., M. Busnardo, T. Sinicrope, R. Langis, R. Gersberg, and S. Baczkowski. 1994. Pulsed-discharge wastewater wetlands: the potential for solving multiple problems by varying hydroperiod. Pp. 363-368 In W. Mitsch, ed., *Global wetlands: Old world and new*. Elsevier, Amsterdam.
- Zedler, J. B., and J. C. Callaway. In review. Tidal wetland functioning. In P. Goodwin, ed. *Tidal Wetland Management*. American Society of Civil Engineers.
- Zedler, J.B., J. Covin, C. Nordby, P. Williams, and J. Boland. 1986. Catastrophic events reveal the dynamic nature of salt marsh vegetation. *Estuaries* 9:75-80.
- Zedler, J.B., and C.S. Nordby. 1986. The ecology of Tijuana Estuary: an estuarine profile. U.S. Fish Wildl. Serv. Biol. Rep. 85 (7.5). 102 p.
- Zedler, Joy B., Christopher S. Nordby, and Barbara E. Kus. 1992. *The ecology of Tijuana Estuary: A National Estuarine Research Reserve*. NOAA Office of Coastal Resource Management, Sanctuaries and Reserves Division, Washington, D.C.
- Zedler, J. B., and B. Nyden. 1995. Innovative management of California wetlands. *Forum for Applied Research and Public Policy* 10:93-97.
- Zedler, J.B. 1986. Catastrophic flooding and distributional patterns of Pacific cordgrass (*Spartina foliosa* Trin.). *Bull S. Calif. Acad. Sci.* 85:74-86.
- Zedler, J.B. 1988. Salt marsh restoration: lessons from California. Pages 123-138 in J. Cairns, ed. *Management for rehabilitation and enhancement of ecosystems*. CRC Press, Boca Raton, Fla.
- Zedler, J.B. 1989. Salt marsh communities. *ZooNooz*. Zoological Society of San Diego. 62:9-13.

- Zedler, J.B. 1991. The challenge of protecting endangered species habitat along the southern California coast. *Coastal Management* 19:35-53.
- Zedler, J.B. 1991a. Catastrophic events and interannual variability at Tijuana Estuary. Pages 195-201 in P.L. Abbott and W.J. Elliott, eds. *Environmental Perils*. San Diego Association of Geologists. San Diego.
- Zedler, J.B. 1993. Canopy architecture of natural and planted cordgrass marshes: Selecting habitat evaluation criteria. *Ecological Applications* 3:123-138.
- Zedler, J. B. 1994. Salt marsh restoration: lessons from California. Pp. 75-95. In J. Cairns, ed. *Rehabilitating damaged ecosystems*, 2nd ed. CRC Press, Boca Raton, Fla. (Invited revision of 1988 chapter).
- Zedler, J.B., principal author. 1996. *Tidal wetland restoration: A scientific perspective and southern California focus*. California Sea Grant College System, University of California, La Jolla, California Report No. T-038. 129 pp.
- Zedler, J. B. 1996a. Coastal mitigation in southern California: The need for a regional restoration strategy. *Ecological Applications* 6:84-93.
- Zedler, J. B. 1997. Adaptive management of coastal ecosystems designed to support endangered species. *Ecology Law Quarterly* 24:735-743.
- Zedler, J. B. 1998. Replacing endangered species habitat: The acid test of wetland ecology. Pp. 364-379 (Chapter 15) in P. L. Fiedler and P. M. Kareiva, eds. *Conservation biology for the coming age*. Chapman and Hall, New York.
- Zemba, R.W. 1990. Light-footed clapper rail census and study, 1990. Final report to California Department of Fish and Game, December 1990. California State University, Long Beach. 28 pp.